

MasterMover®

MasterHandler AGV

Tugging AGV Solutions



MasterHandler AGV



Overview

The MasterHandler AGV range is specifically designed to deliver the controlled movement of loads that are fitted with all-swivelling castors or loads where only one side of the cart or trolley has castors fitted. Featuring a unique design centred around delivering maximum control, the MasterHandler AGV range can easily steer and position

heavy loads that ordinarily would be difficult to move in a controlled way.

With adjustable support legs available to deliver a controlled fixed point, the MasterHandler AGV can provide a turnkey solution to the movement of awkward loads.


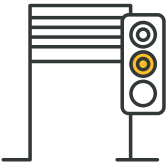
Key Features

Combining best-in-class vehicle design, safety systems, and navigation technology, the MasterHandler AGV range is the perfect solution for delivering safe, accurate material handling processes in your operations.

- Heavy payload handling
- Compact machine footprint
- Natural feature navigation
- Fully customisable



Technology

Natural Feature Navigation	
	<p>Equipped with Natural Feature navigation, the range utilises sensors and scanning systems to navigate autonomously by detecting and mapping your environment. The sensors ensure a programmed response to any detected hazard or obstacle, stopping the machine until the obstruction has been removed.</p> <p>This system makes the MasterHandler AGV range ideal for working across repeatable processes such as the movement of work-in-progress or in creating pulsed production lines.</p>
Fleet Management	
	<p>All our AGVs can be programmed to interact with your systems and infrastructure to ensure efficient, seamless, and safe operation.</p> <p>Our fleet management software enables easy vehicle tracking and route optimisation as well as allowing our AGVs to interact with traffic controls, shutter doors, and other infrastructure.</p>

Our MasterHandler AGV Range

A range of MasterHandler AGVs is available. We can also design and create custom MasterHandler AGV solutions to your specific requirements.



Technical Specification

Machine	MH400+ AGV
Maximum load (on castors)	4,000 kg
Machine length x width x height	570mm x 806mm x 888mm*
Drive type	Electric
Braking	Regenerative
Parking brake	Electromagnetic
Drive wheel type	Polyurethane
Drive motor power	2 kW
Navigation type	Natural Feature Line Follow (Optional)
Maximum slope	5°
Voltage	24 v
Noise level	Motor ≤80 dBA Flashing light ≤85 dBA Horn ≤112 dBA
Metal work finish	Powder coat paint & zinc plated
IP rating	IP44

Machine	MH600+ AGV
Maximum load (on castors)	6,000 kg
Machine length x width x height	570mm x 806mm x 888mm*
Drive type	Electric
Braking	Regenerative
Parking brake	Electromagnetic
Drive wheel type	Polyurethane
Drive motor power	2 kW
Navigation type	Natural Feature Line Follow (Optional)
Maximum slope	5°
Voltage	24 v
Noise level	Motor ≤80 dBA Flashing light ≤85 dBA Horn ≤112 dBA
Metal work finish	Powder coat paint & zinc plated
IP rating	IP44

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